

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1.-20. (Cancelled)

OK to enter in light of interview summary & examiner's Amendment 1/23/07
~~21~~. (Previously presented) A method for treating schizophrenia, the method comprising a step of administering to a patient with schizophrenia a therapeutically effective, non-lethal amount of a botulinum toxin, wherein the botulinum toxin is locally administered to a brain region selected from the group consisting of a lower brain region and pontine region, thereby treating schizophrenia.

2 ~~22~~. (Original) The method of claim ~~21~~, wherein the botulinum toxin is botulinum toxin type A.

23. (Cancelled)

3 ~~24~~. (New) The method of claim ~~21~~, wherein the botulinum toxin is selected from the group consisting of botulinum toxin types A, B, C, D, E, F and G.

4 ~~25~~. (New) The method of claim ~~21~~, wherein the botulinum toxin is administered in an amount between about 10^{-3} U/kg and about 10 U/kg.

5 ~~26~~. (New) The method of claim ~~21~~, wherein the administration step includes implantation of a botulinum toxin containing controlled release system.

6 ~~27~~. (New) The method of claim ~~21~~, further comprising the step of using a stereotactic placement apparatus.

7 ~~28.~~ (New) The method of claim ²~~22~~, wherein the botulinum toxin type A is administered in an amount between about 10^{-4} U/kg and about 10 U/kg.

*Cancelled
10/29/07*
~~29. (New) A method for treating schizophrenia, the method comprising a step of administering to a patient with schizophrenia a therapeutically effective amount of a botulinum toxin type A, wherein the botulinum toxin type A is locally administered to a brain region selected from the group consisting of a lower brain region and pontine region, thereby treating schizophrenia.~~